



State Approved Courses for Information Technology (IT) Programs School Year 2018-19

	Networking Systems Pathway	Programming & Software Development Pathway	Web & Digital Communication Pathway	Information Support Services Pathway
Foundational CTE Courses	Career Exploration (22151) Foundations of Technology (10004^*) Employability (22152^*) Leadership & Service (22101^*) Entrepreneurship (12053^*) <i>*.5 credits of Foundational CTE courses can be counted toward students' 2-credit concentrator status</i>			
Cluster Courses	Introduction to Information Technology (10003) Computer Hardware & Software (10251) PLTW MS Computer Science (10604) PLTW Computer Science Essentials (10013)			
Pathway Courses		Web Development I & II (10201) Computer Programming I & II (10152) PLTW Computer Science Principles (10015) PLTW Computer Science A (10157) PLTW Cybersecurity (10016)	Web Development I & II (10201)	Network Technologies (10101)
Dual Credit Courses	Visit www.sdmylife.com for a full list of dual credit courses in the Information Technology Career Cluster.			
Academic Courses	Physics (03151^*) Pre-Calculus (02110) Calculus (02121) Trigonometry (02103) <i>*.5 credits of relevant academic coursework can be counted toward students' 2-credit concentrator status</i>			
Capstone Courses	Entrepreneurship Experience (80026) Senior Experience (80019^*) Service Learning (22104) Youth Internships (80018^*) Youth Apprenticeship (80020) <i>*Up to 1 credit of capstone coursework can be counted toward students' 2-credit concentrator status</i>			